Serial No. 09/654,501 Docket No. T36-124990M/RS

NGB.185

## **AMENDMENTS TO THE CLAIMS:**

Please cancel claims 1-3, 6, 7, 9-13, 16-22, 25-28, 30-34, 38-46, 50-85, 87 and 88 without prejudice or disclaimer, and add new claims 89-108 as follows:

1-88. (Canceled)

89. (New) A light-emitting apparatus, comprising:

a first light source comprising a GaN semiconductor light-emitting device that emits a blue light;

a second light source comprising:

a first fluorescent material that absorbs said blue light emitted by said first light source and emits a green light; and

a fluorescent material resin, said first fluorescent material being dispersed within said fluorescent material resin; and

a third light source that emits a red light,

wherein said blue light emitted by said first light source, said green light emitted by said second light source, and said red light emitted by said third light source are mixed to thereby generate white light.

90. (New) A light-emitting apparatus according to claim 89, wherein said first fluorescent material comprises at least one of ZnS:Cu, Au, Al; ZnS:Cu, Al; ZnS:Cu; ZnS:Eu; and Y<sub>2</sub>O<sub>2</sub>S:Ce.

Serial No. 09/654,501

Docket No. T36-124990M/RS

NGB.185

- (New) A light-emitting apparatus according to claim 89, wherein a concentration 91. of said first fluorescent material continuously changes within said fluorescent material resin, as a function of distance to said GaN semiconductor light-emitting device.
- (New) A light-emitting apparatus according to claim 89, further comprising a lead 92. frame comprising a cup portion having a bottom surface, on which said first light source and said third light source are mounted.
- (New) A light-emitting apparatus according to claim 92, wherein said second light 93. source is contained in said cup portion.
- (New) A light-emitting apparatus according to claim 92, wherein said fluorescent 94. material resin is contained in said cup portion and surrounds said first light source and said third light source.
- (New) A light-emitting apparatus according to claim 89, further comprising: 95. a first lead frame comprising a cup portion having a bottom surface, on which said first light source is mounted; and

a second lead frame comprising a cup portion having a bottom surface, on which said third light source is mounted.

Serial No. 09/654,501

Docket No. T36-124990M/RS

NGB.185

- 96. (New) A light-emitting apparatus according to claim 89, further comprising a plurality of separate lead frames for separately mounting said first light source and said third light source.
- 97. (New) A light-emitting apparatus according to claim 95, wherein said third light source is contained in said cup portion of said first lead frame.
- 98. (New) A light-emitting apparatus according to claim 95, wherein said fluorescent material resin is contained in said cup portion of said first lead frame and surrounds said first light source.
- 99. (New) A light-emitting apparatus according to claim 89, wherein the light-emitting apparatus comprises a chip-type LED.
- 100. (New) A light-emitting apparatus according to claim 89, wherein said first fluorescent material comprises at least one of ZnS:Eu and Y<sub>2</sub>O<sub>2</sub>S:Ce.
- 101. (New) A light-emitting apparatus according to claim 89, wherein said third light source comprises a second fluorescent material that absorbs said blue light emitted by said first light source and emits said red light.

5

Serial No. 09/654,501

Docket No. T36-124990M/RS

NGB.185

material resin.

102. (New) A light-emitting apparatus according to claim 101, wherein said first fluorescent material and said second fluorescent material are dispersed in said fluorescent

103. (New) A light-emitting apparatus according to claim 102, wherein a portion of said blue light emitted by said first light source is transmitted through said fluorescent material resin, and

wherein another portion of said blue light emitted by said first light source is absorbed by said first fluorescent material, which emits said green light, and said second fluorescent material, which emits said red light, and said blue light emitted by said first light source, said green light emitted by said first fluorescent material and said red light emitted by said second fluorescent material are mixed, to thereby generate a mixed light, emitted from said light-emitting apparatus, different in luminescent color from said blue light emitted from said first light source.

- 104. (New) A light-emitting apparatus according to claim 89, wherein said first light source comprises a multiple quantum well structure.
- 105. (New) A light-emitting apparatus according to claim 104, wherein said multiple quantum well structure comprises well layers comprised of InGaN.
- 106. (New) A light-emitting apparatus according to claim 89, further comprising a sealing member that focuses light emitted from said light-emitting apparatus.

Serial No. 09/654,501 Docket No. T36-124990M/RS NGB.185

- 107. (New) A light-emitting apparatus according to claim 106, wherein said fluorescent material resin is disposed above said sealing member.
- 108. (New) A light-emitting apparatus, comprising:

at least two light emitting devices having different emitting wavelengths from each other; and

a fluorescent material surrounding outer peripheries of said light emitting devices, wherein light emitted from said light emitting devices and a converted light by said fluorescent material are mixed to thereby generate white light.